

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 8, lines 17-24 with the following:

B¹
In one embodiment, a replaceable cartridge for use with a reusable needleless syringe is provided. The replaceable cartridge contains both a source of particles and a source of compressed gas, and is intended as a single-use disposable cartridge. In another embodiment, a replaceable nozzle assembly for use with a reusable needleless syringe is provided. The replaceable nozzle assembly includes a supersonic particle acceleration nozzle and a filter element which surrounds the acceleration nozzle. In a still further embodiment, a reusable needleless syringe is provided ~~with~~ which contains either one or both of the above-described replaceable components.

Please replace the paragraph on page 9, lines 19-28 with the following:

B²
The reusable needleless syringes of the present invention contain the same basic elements and function in the same basic manner as the above-described devices. However, these reusable ~~devices~~ a devices are specially configured to accommodate multiple use by either medical personnel or consumers, and contain replaceable components such as a cartridge containing a fresh particle cassette with a gas cylinder, or a new nozzle unit. One particular reusable needleless syringe device is depicted in Figures 1 and 2. As can be seen, this particular reusable device is not arranged in the typical linear "pen-shaped" configuration, rather the device has been bent around into a U-shape to place the nozzle and gas cylinder into a "side-by-side" orientation, substantially shortening the overall length of the device.

Please replace the paragraph on page 13, lines 16-25 with the following:

B³
Referring particularly to Figures 3 and 4, when the cartridge has been assembled, an interior portion of the gas source 22 extends partially into the gas passageway 26, and an exterior portion of the gas source extends away from the housing 20. Part of the interior portion of the gas source is comprised of a frangible, elongate tip 34 which is positioned in the assembled cartridge so that it is adjacent to an actuation aperture 44. The actuation aperture is sized to allow an actuation ram or pin to travel into the housing and break off the

frangible tip during actuation of the device. The actuation aperture 44 is sealed off by a pierceable foil or ~~seal 44 which~~ seal 46 which is applied to the outside of the housing as seen in Figure 3. This seal provides for an intuitive indicator of when a cartridge has been spent, since the seal on a used cartridge will be breached.
